

Application No. 09/723,722
Amendment dated October 29, 2003
Reply to Office Action of April 29, 2003

PATENT

Amendments to the Specification:

Please replace the paragraph beginning on page 8, line 14 with the following amended paragraph:

FIG. 5 shows the full length amino acid sequence of -secretase 1-501 (SEQ ID NO: 2), including the ORF which encodes it (SEQ ID NO: 1), with certain features indicated, such as "active-D" sites indicating the aspartic acid active catalytic sites, a transmembrane region commencing at position 453, as well as leader ("Signal") sequence (residues 1-21; SEQ ID NO: 46) and the putative pro region (residues 22-45; SEQ ID NO: 47) and where the polynucleotide region corresponding to the active enzyme portion ~~proenzyme region~~ corresponding to amino acids 46-501 (SEQ ID NO: 43)(nt 135-1503) is shown as SEQ ID NO: 44.